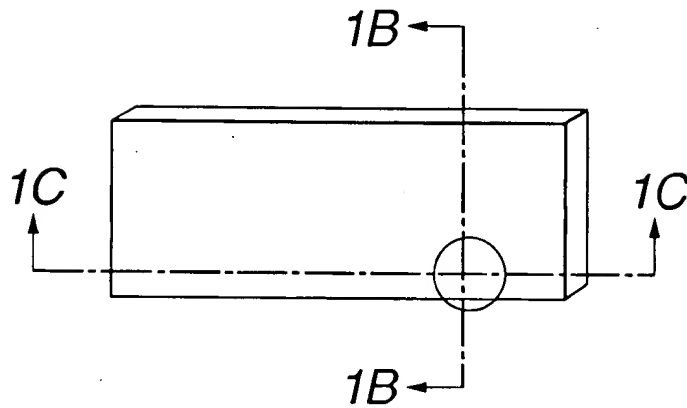


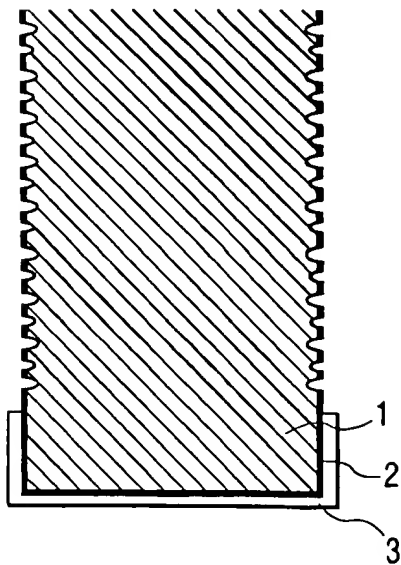


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REPLACEMENT SHEET

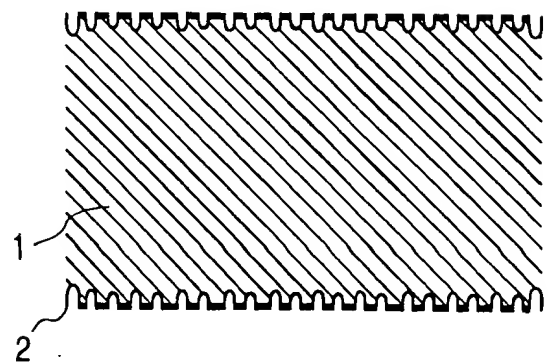
*FIG. 1A*



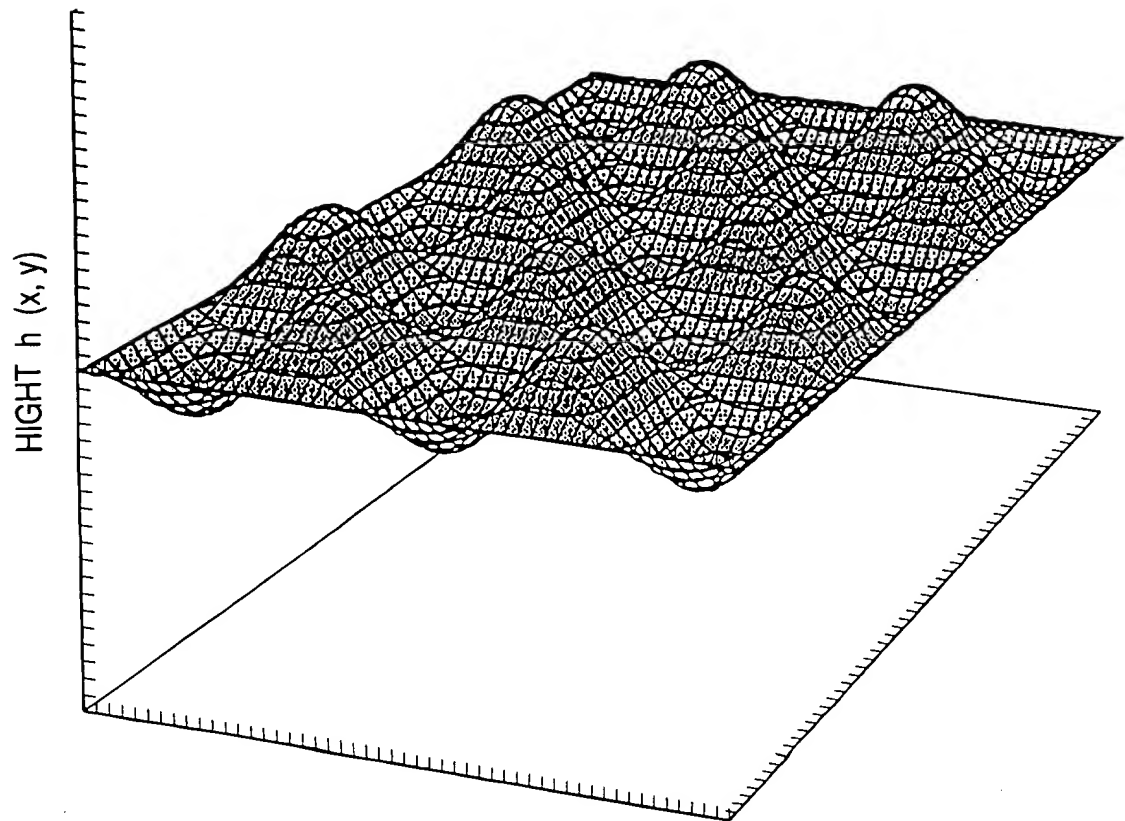
*FIG. 1B*



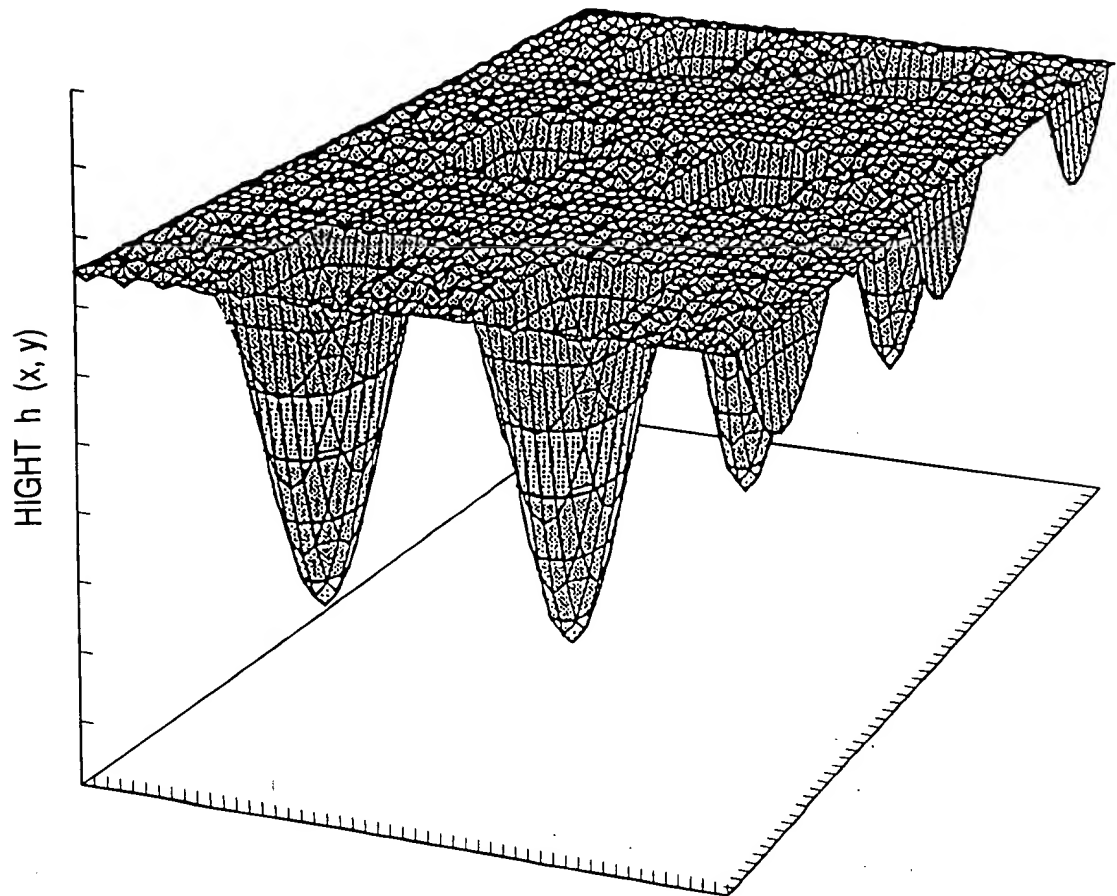
*FIG. 1C*



*FIG. 2*



*FIG. 3*



*FIG. 4*

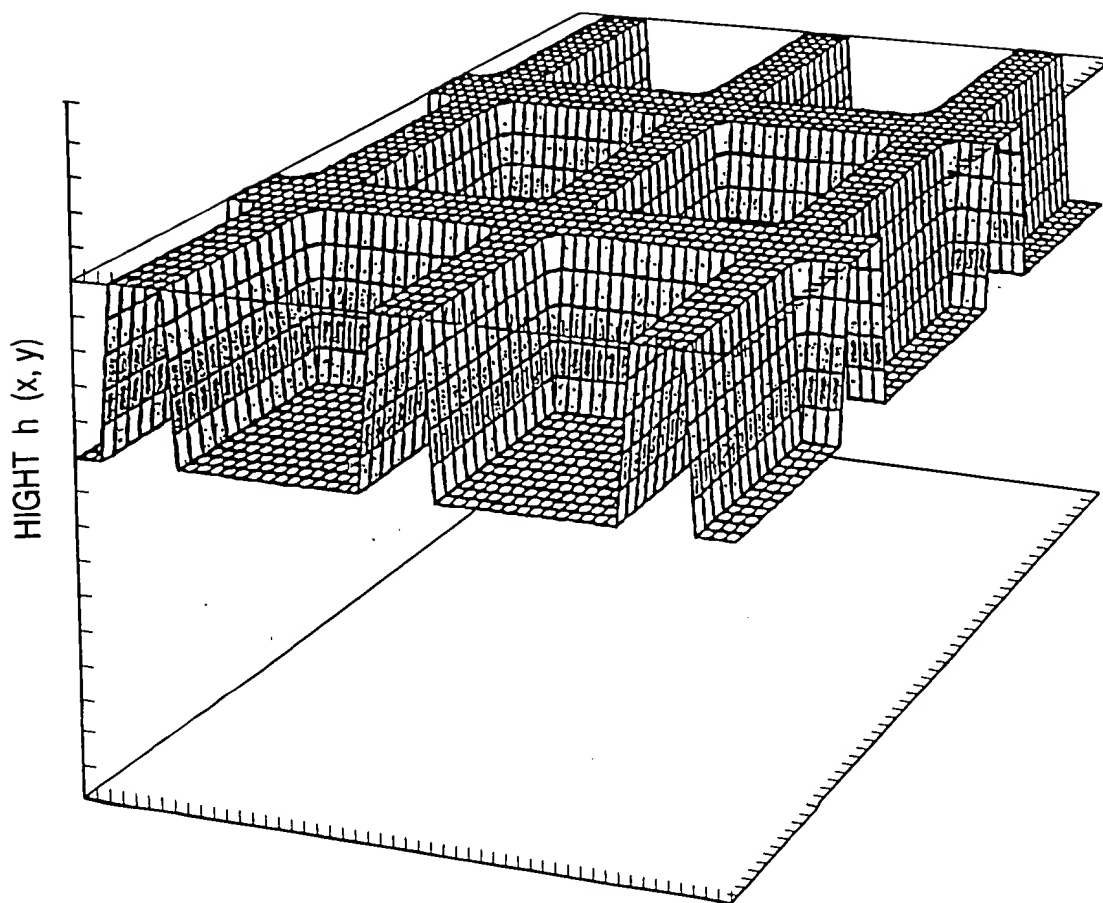
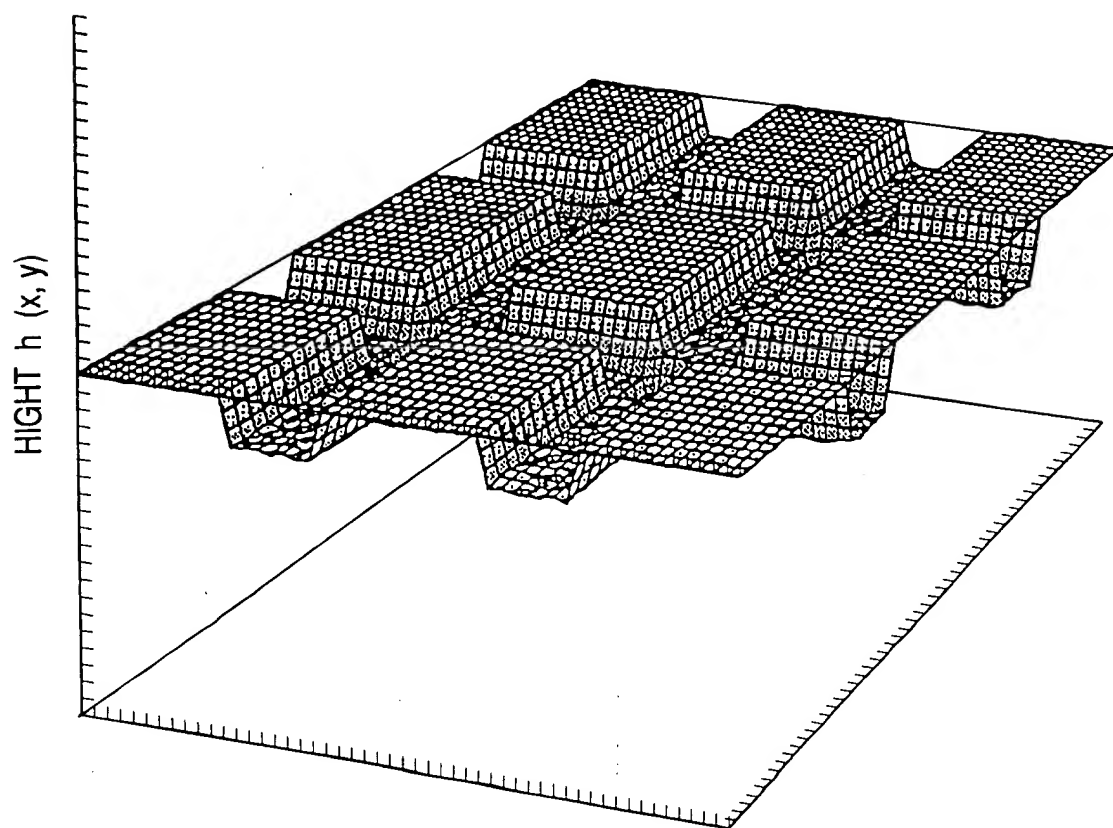
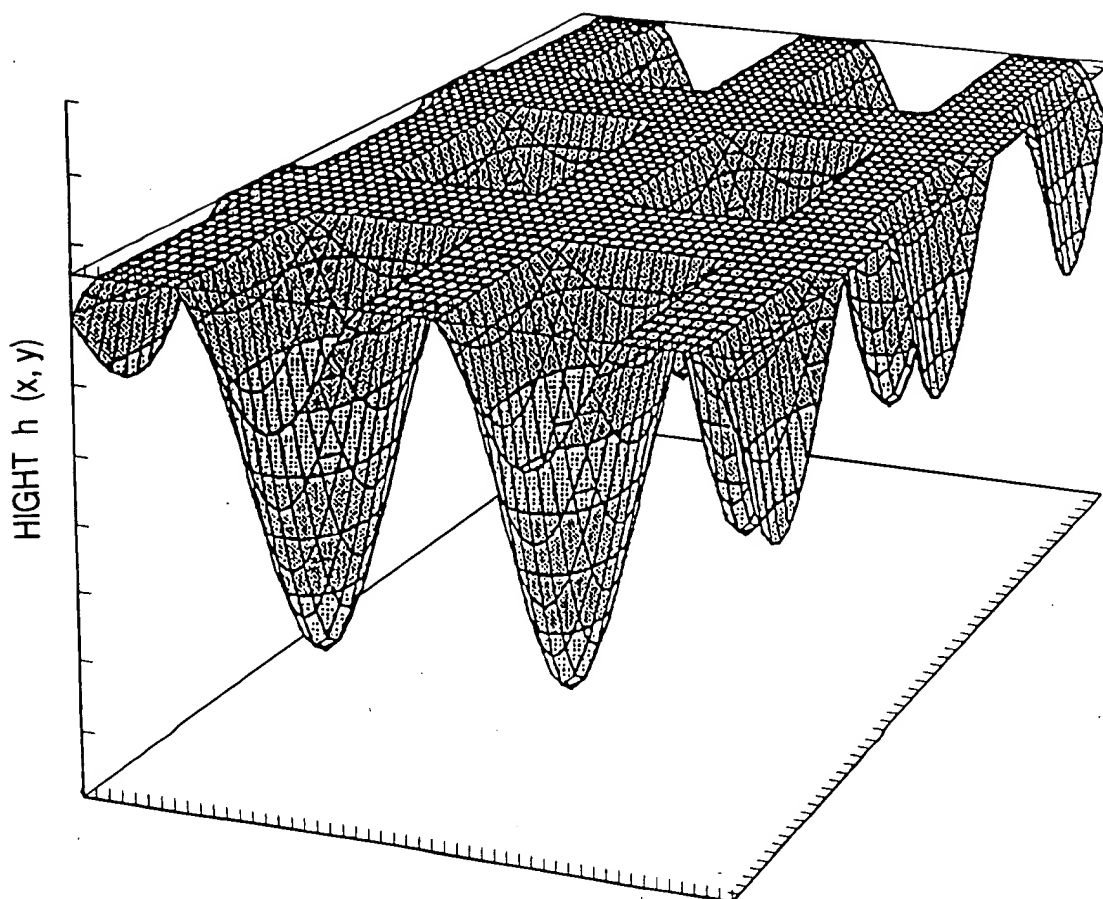


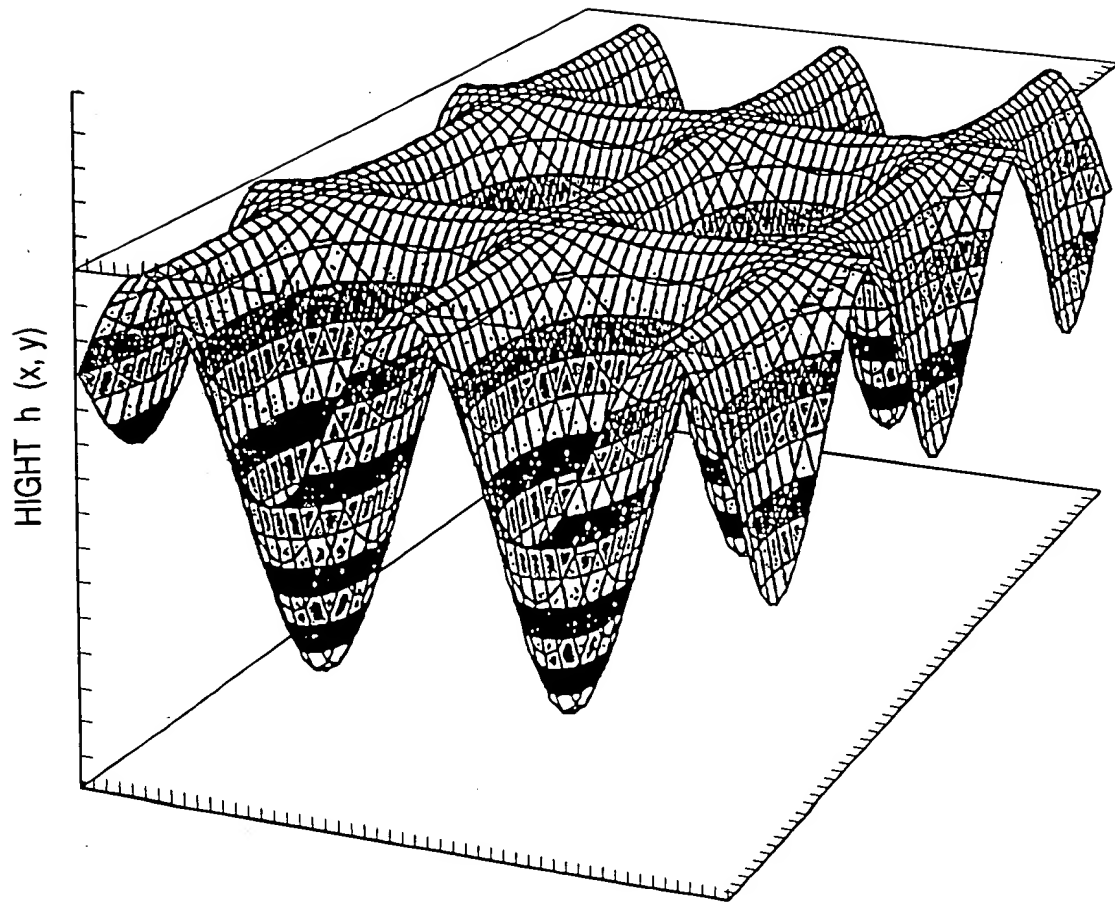
FIG. 5



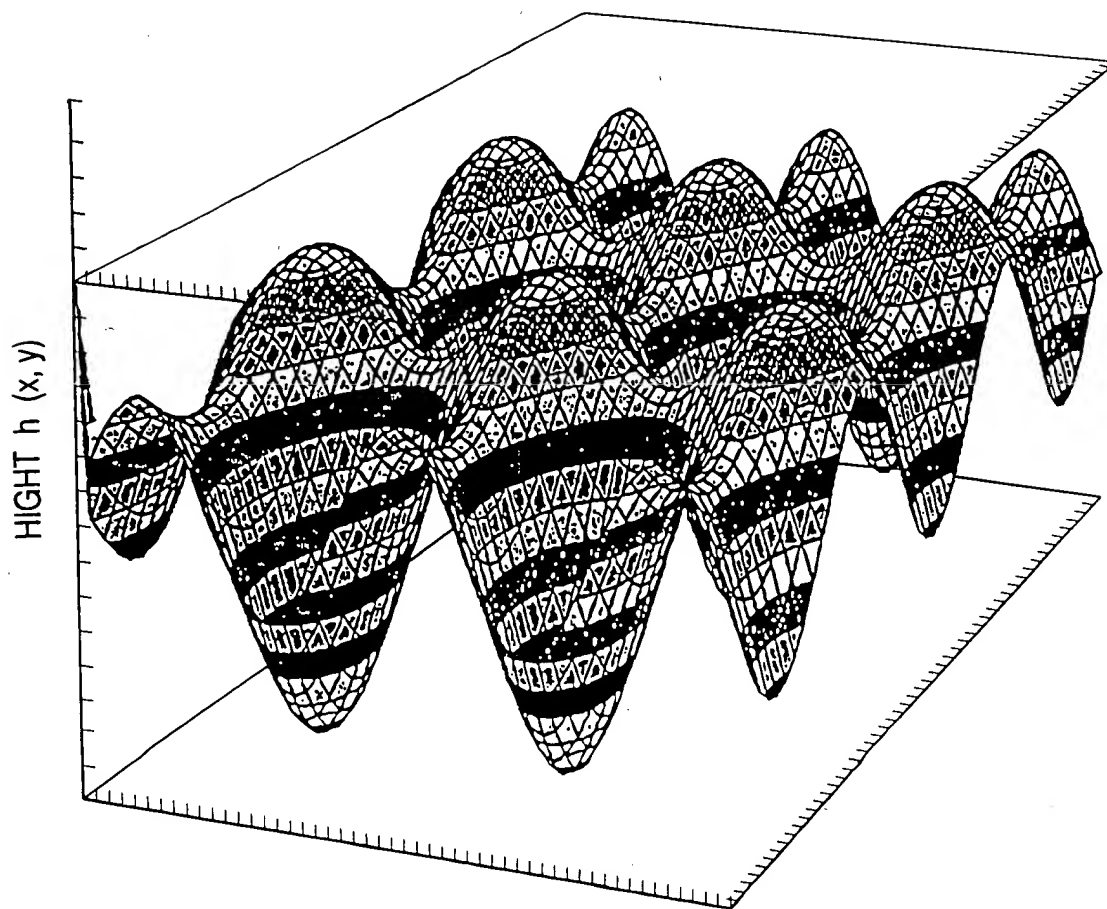
*FIG. 6*



*FIG. 7*

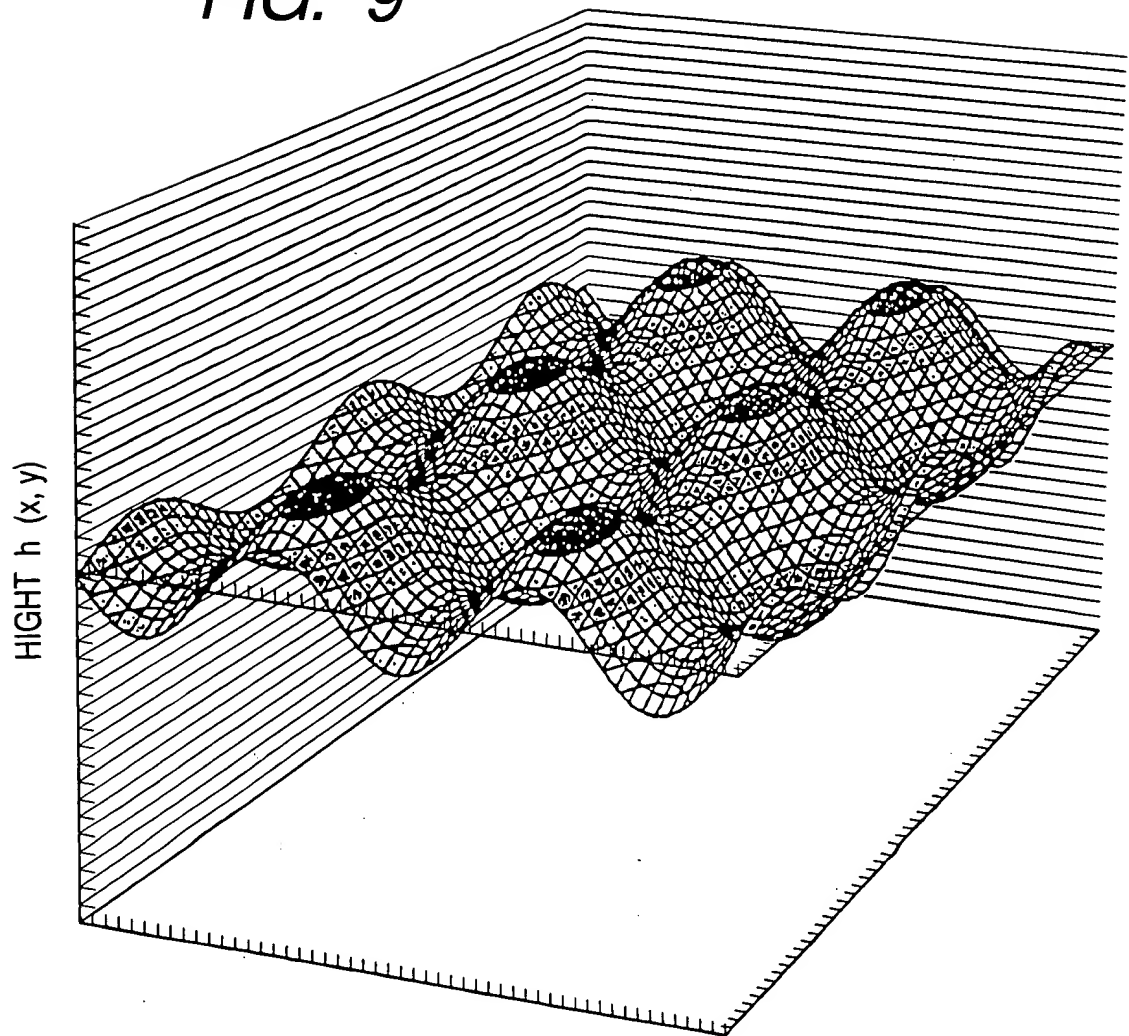


*FIG. 8*

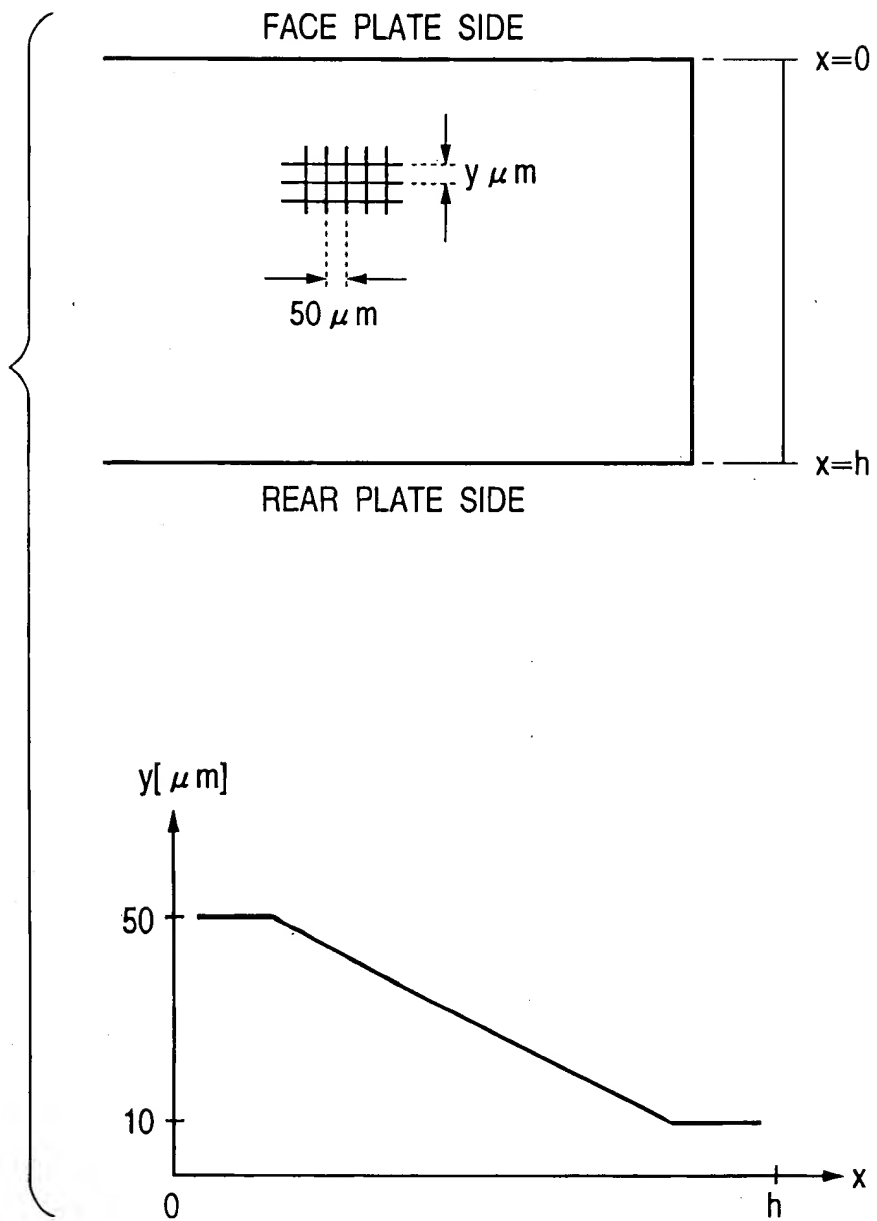




**FIG. 9**



*FIG. 10*



*FIG. 11*

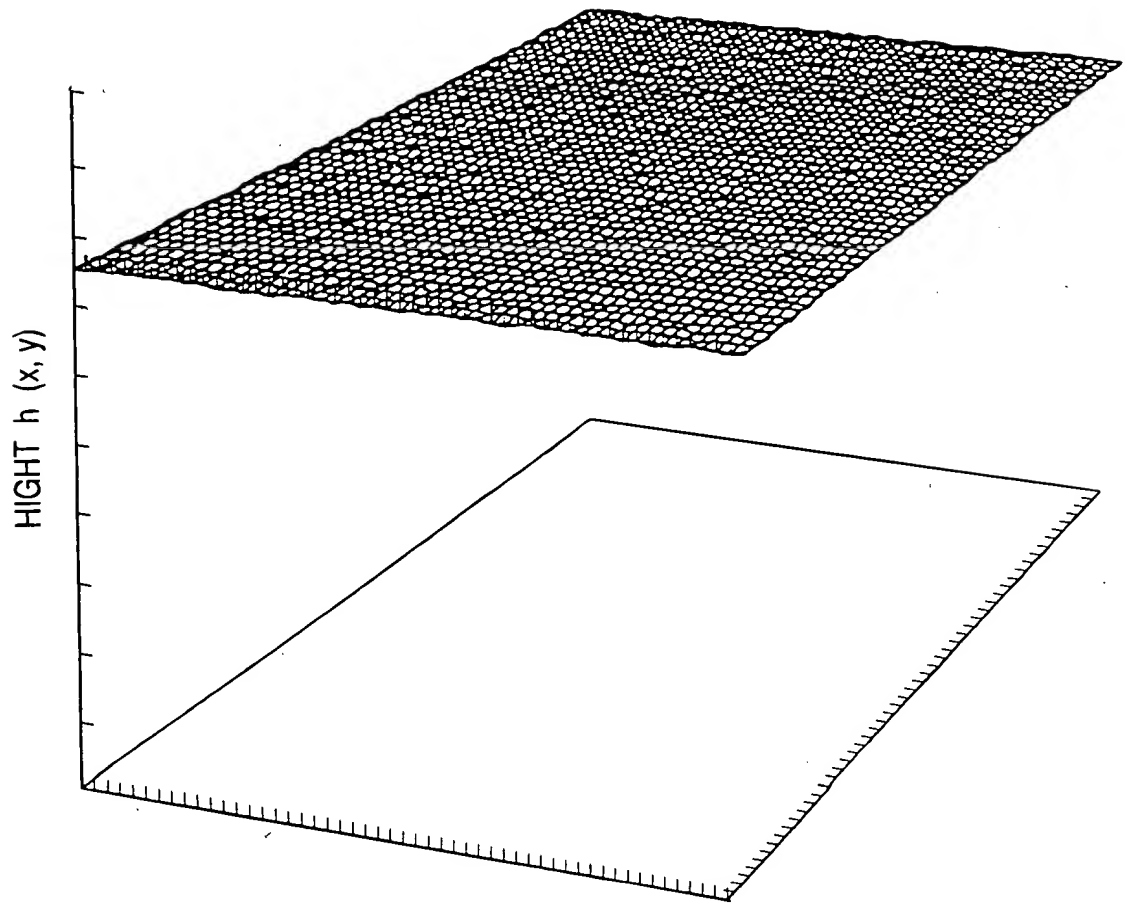


FIG. 12

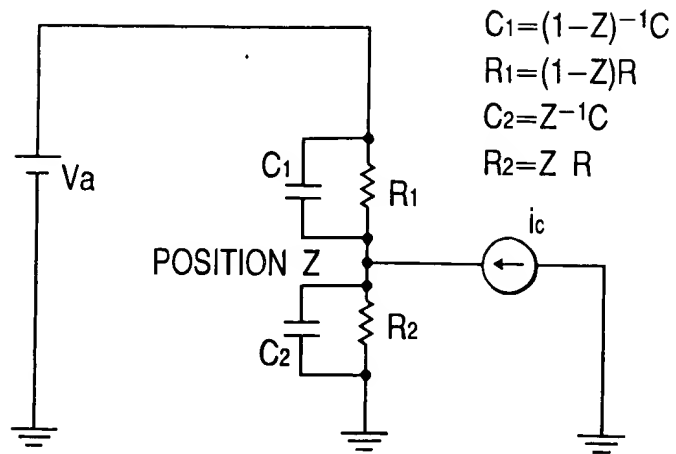


FIG. 13

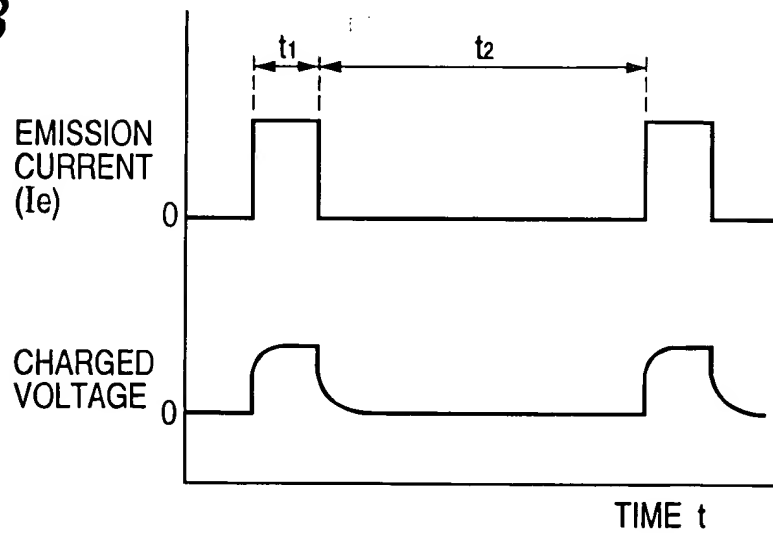
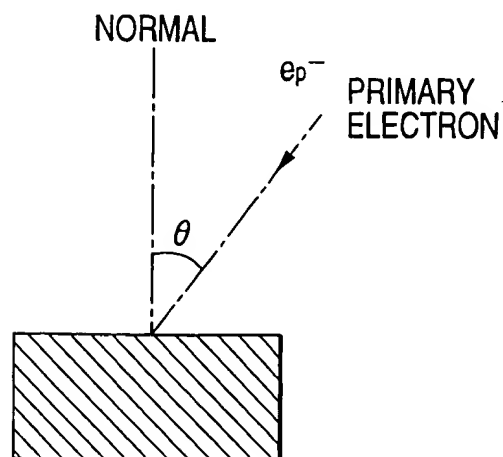


FIG. 14



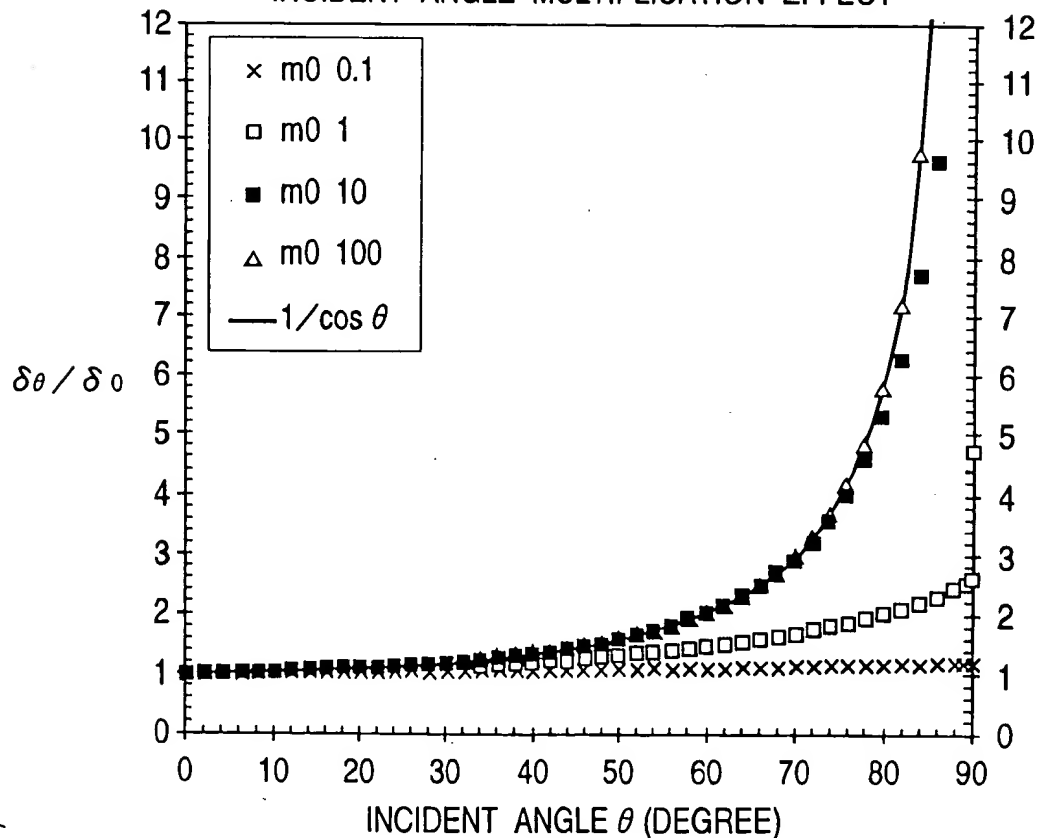
**FIG. 15**

INCIDENT ANGLE DEPENDENCY OF SECONDARY  
ELECTRON EMISSION COEFFICIENT

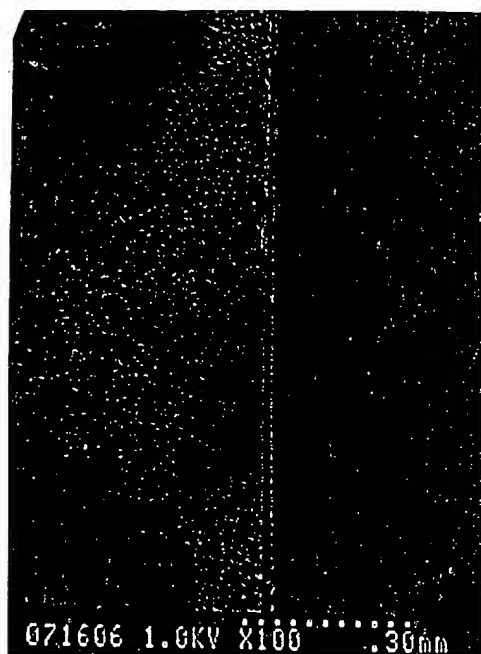
$$\frac{\delta\theta}{\delta_0} = \frac{1 - \left\{ 1 - \frac{m_0 \cos \theta}{1 + (m_1)^{-1} \times (m_0 \cos \theta)^{m_2}} \right\} \exp(-m_0 \cos \theta)}{1 - \left\{ 1 - \frac{m_0}{1 + (m_1)^{-1} \times m_0^{m_2}} \right\} \exp(-m_0)} \times \frac{1}{\cos \theta}$$

$$m_1 = 0.68273, m_2 = 0.86212$$

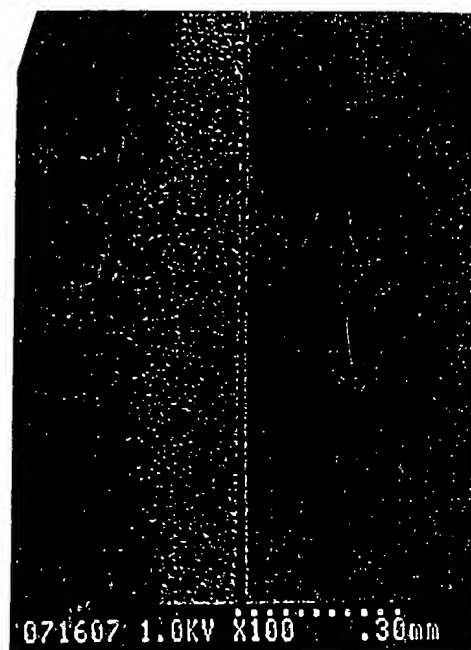
CALCULATION OF  $\delta$  INCIDENT ANGLE  
DEPENDENCY COEFFICIENT  $m_0$  AND  
INCIDENT ANGLE MULTIPLICATION EFFECT



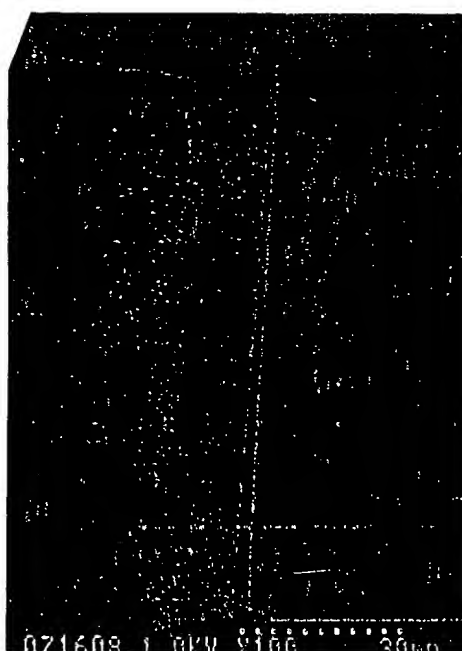
*FIG. 16A*



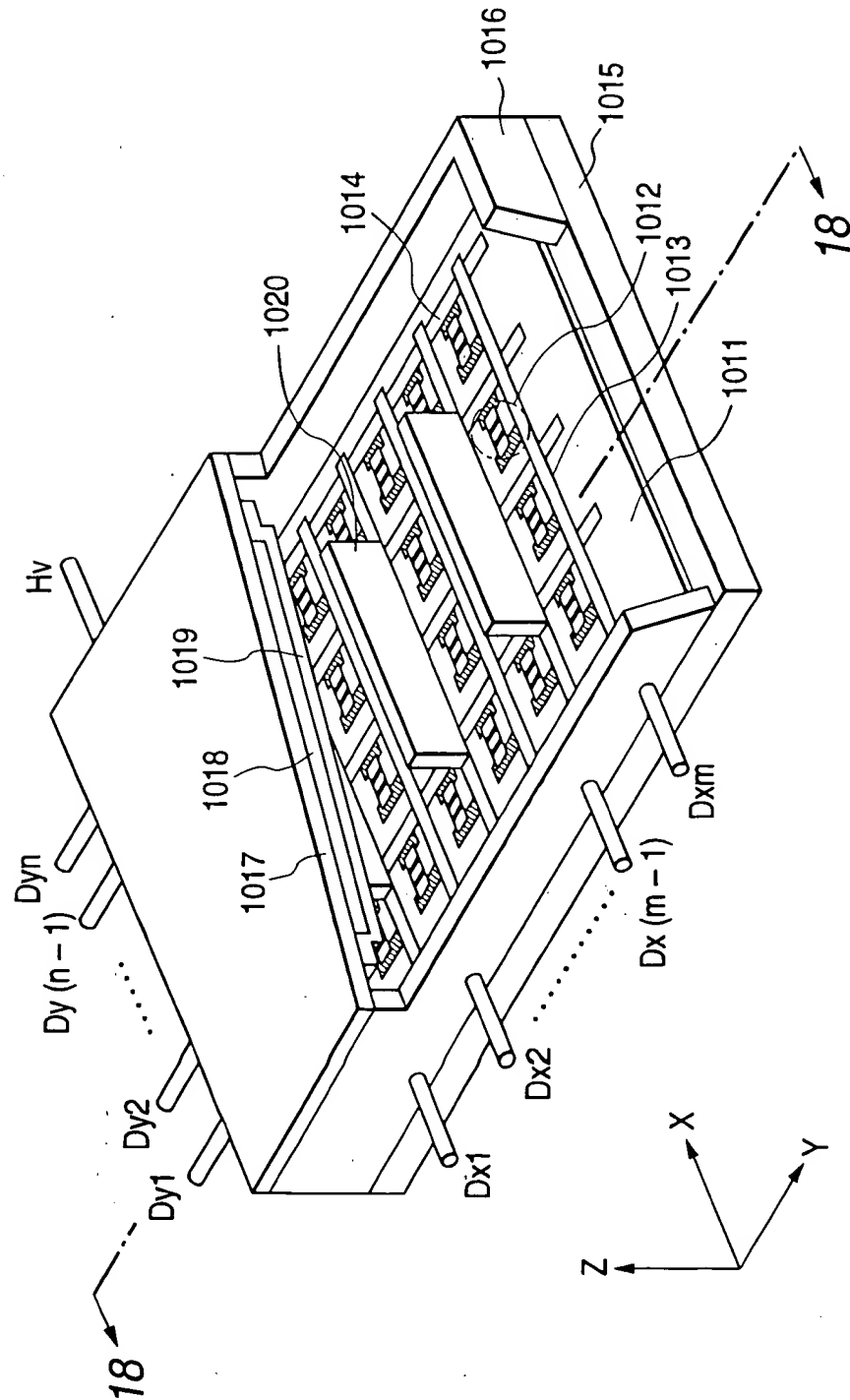
*FIG. 16B*



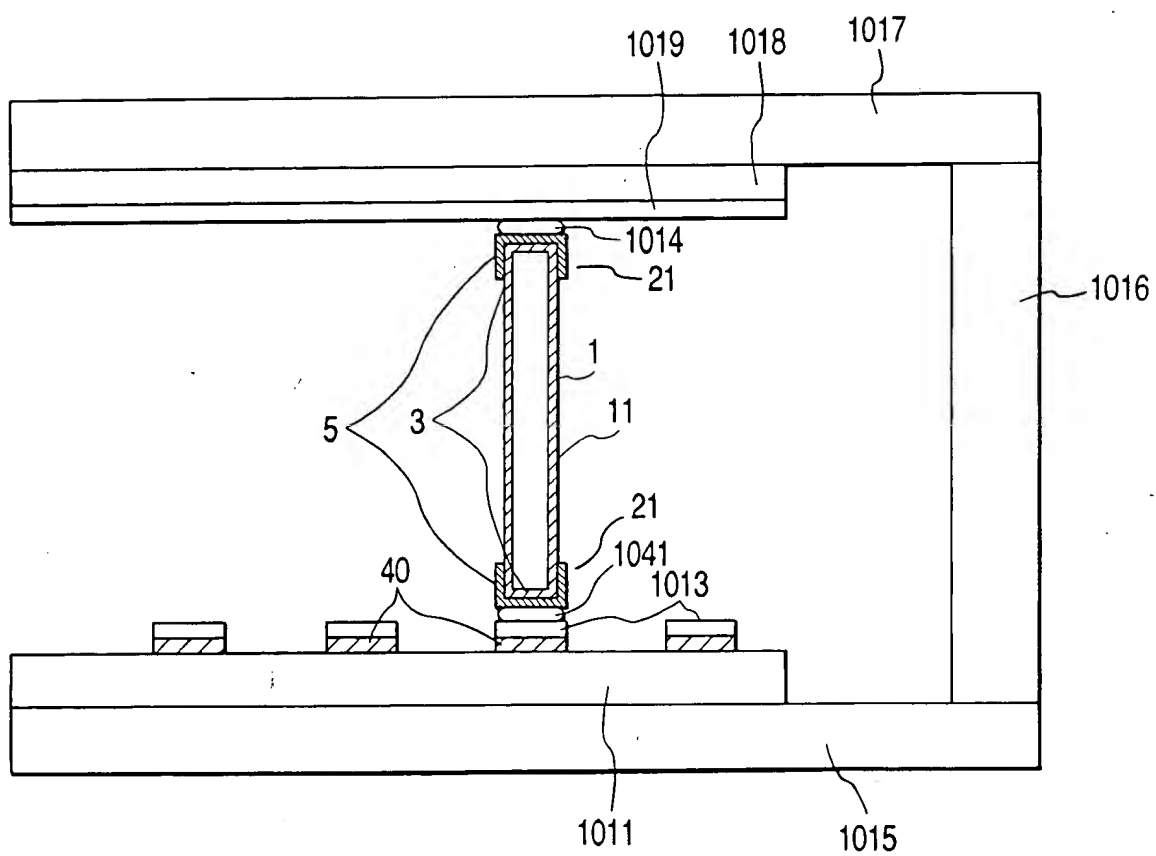
*FIG. 16C*



**FIG. 17**

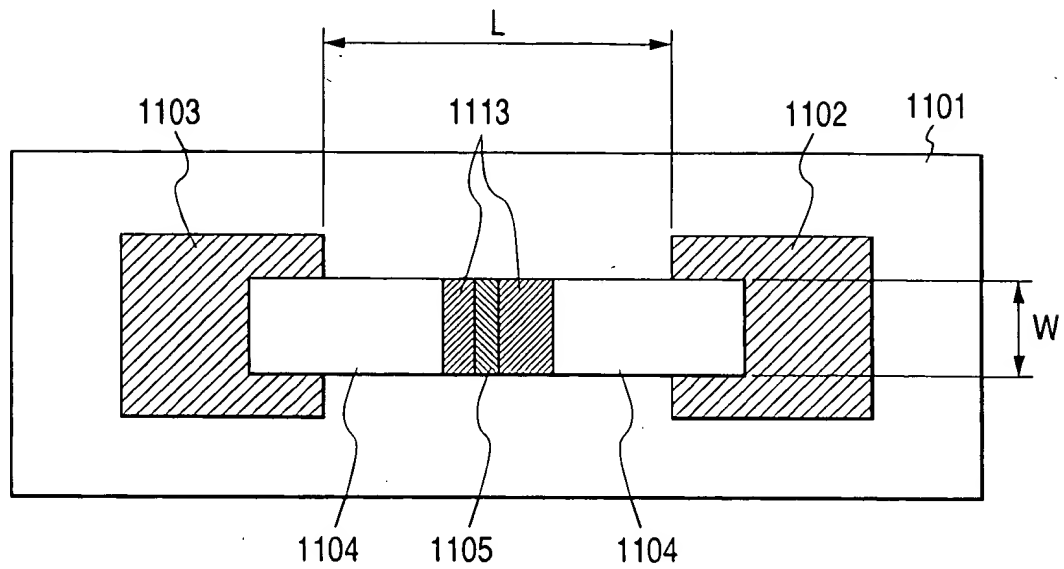


**FIG. 18**

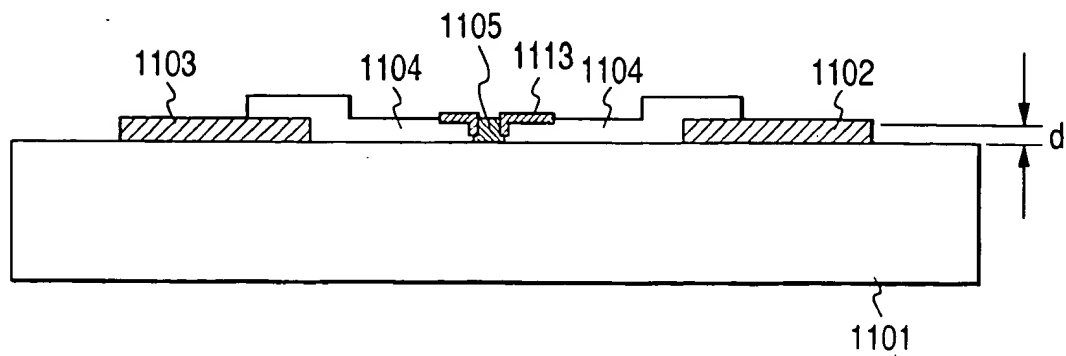




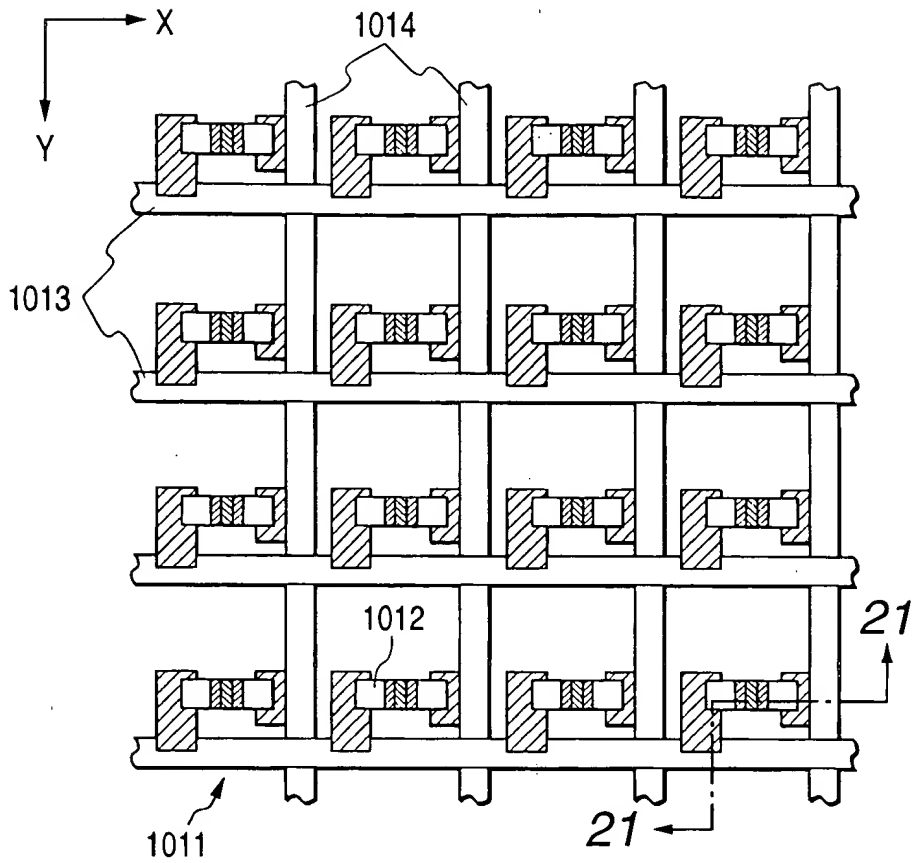
*FIG. 19A*



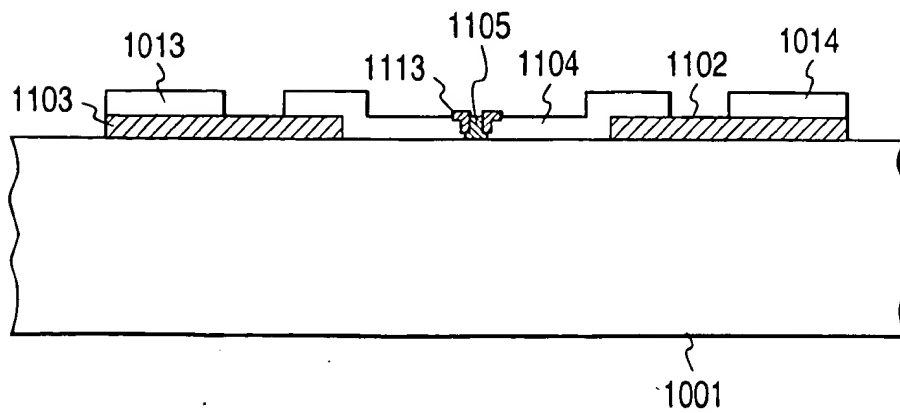
*FIG. 19B*



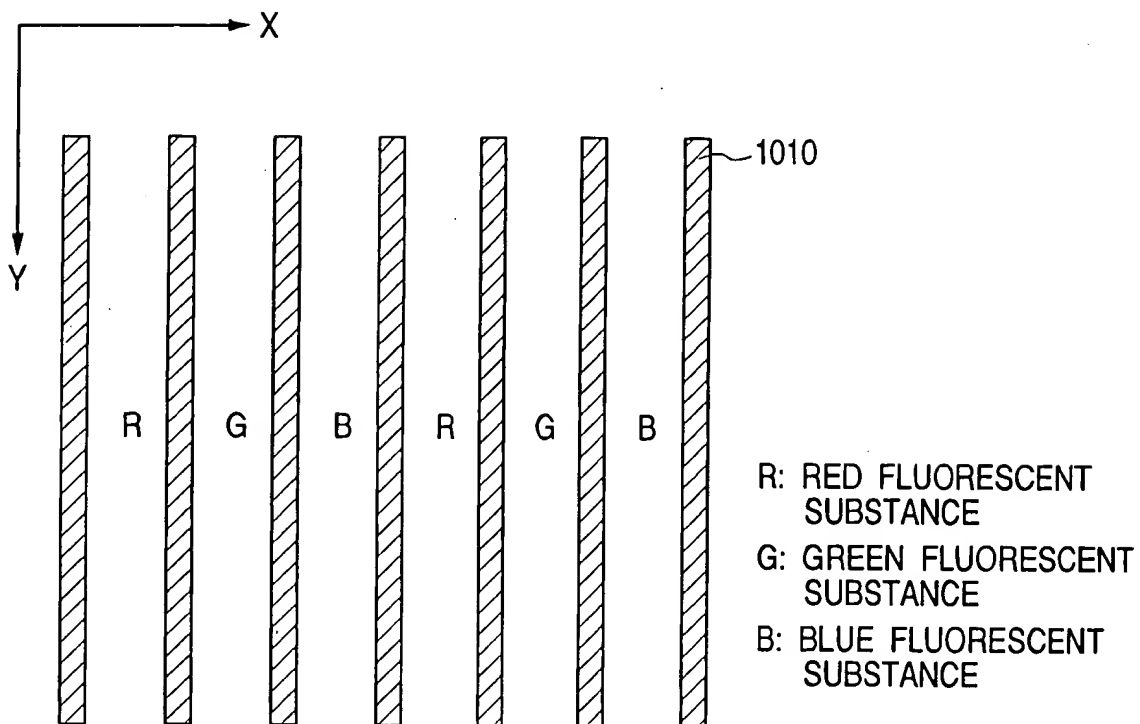
*FIG. 20*



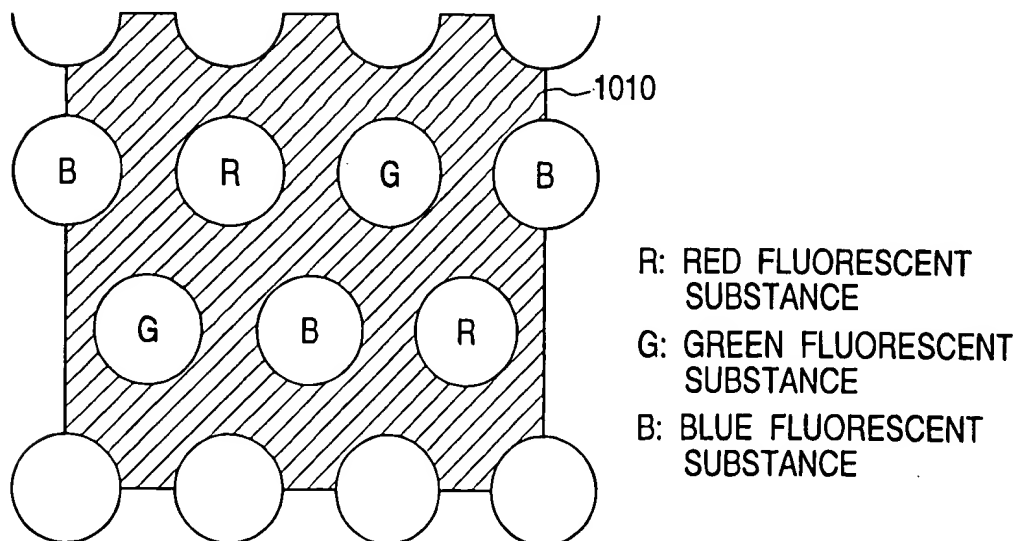
*FIG. 21*



*FIG. 22A*



*FIG. 22B*



*FIG. 23*

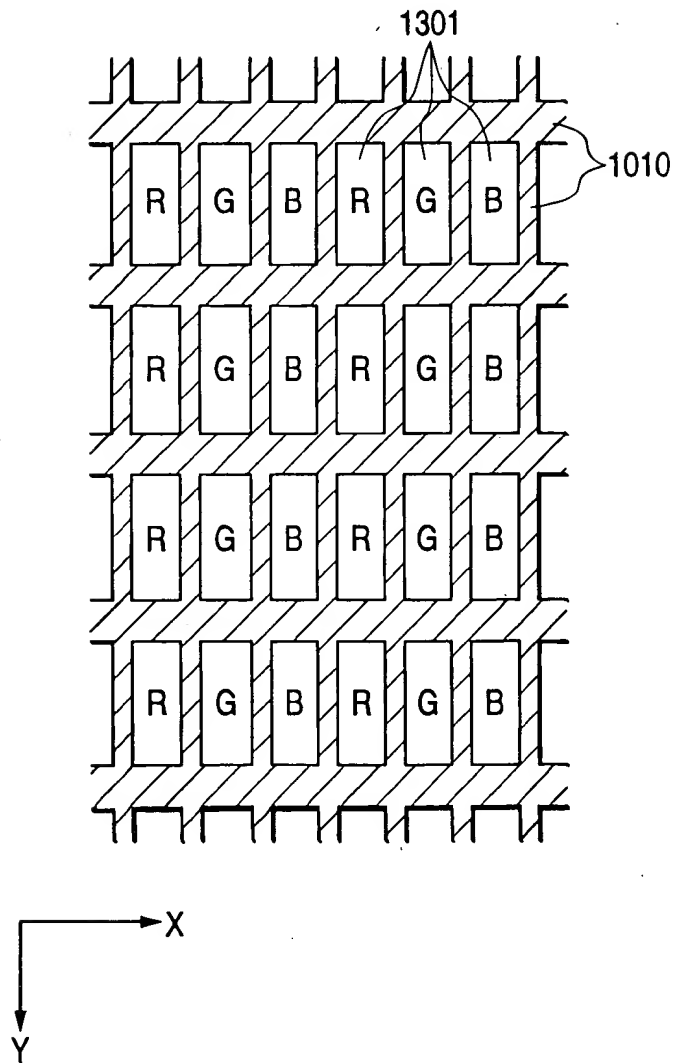


FIG. 24A

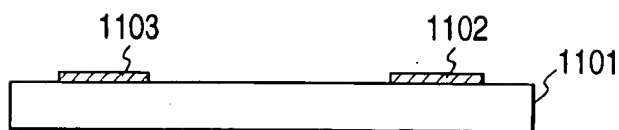


FIG. 24B

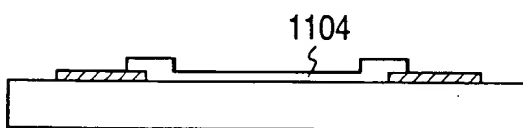


FIG. 24C

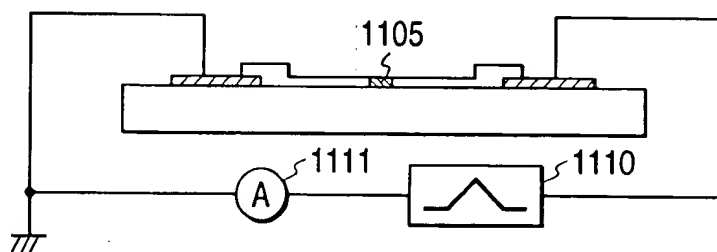


FIG. 24D

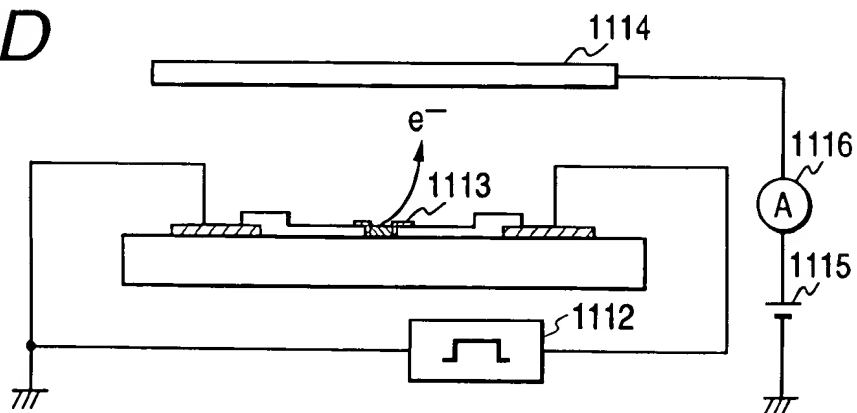
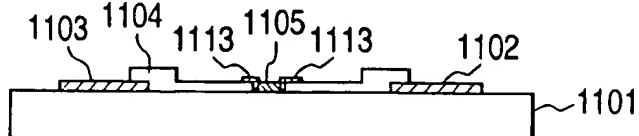
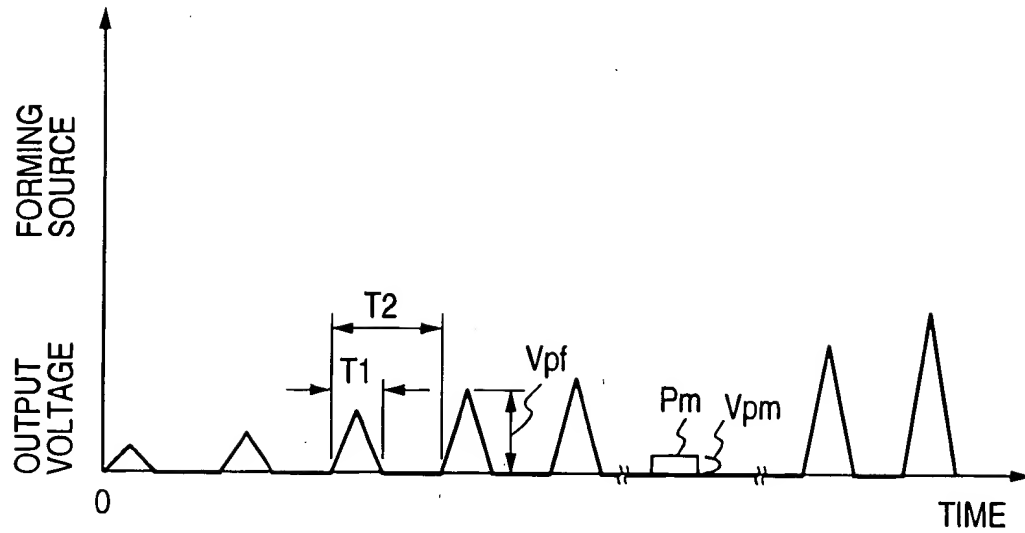


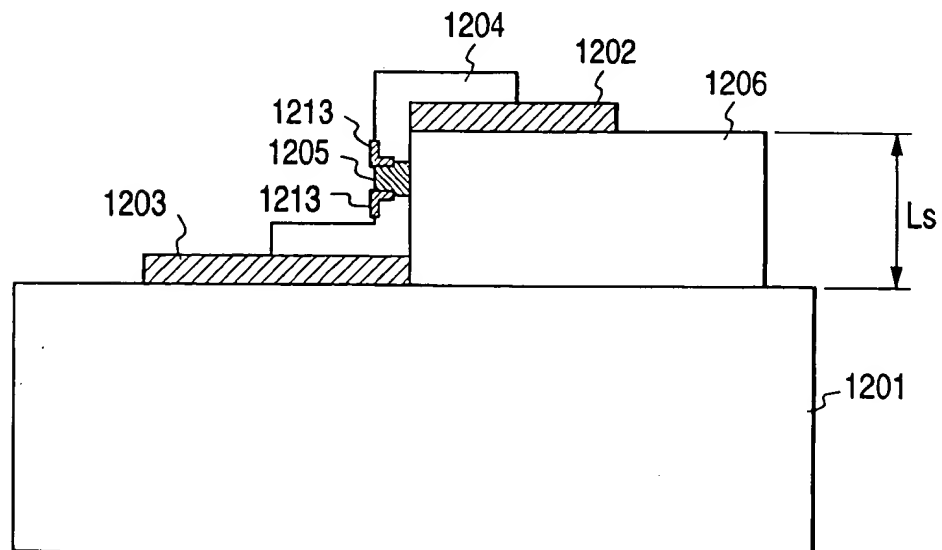
FIG. 24E



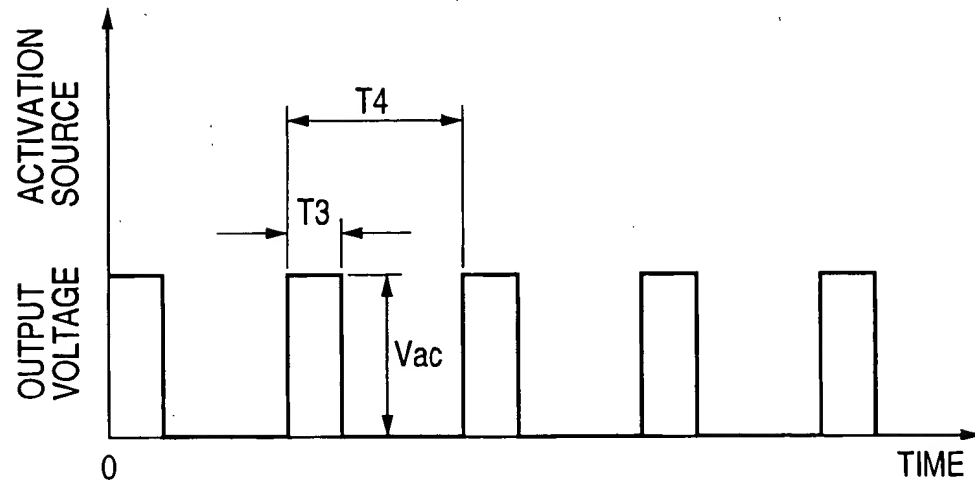
*FIG. 25*



*FIG. 27*



*FIG. 26A*



*FIG. 26B*

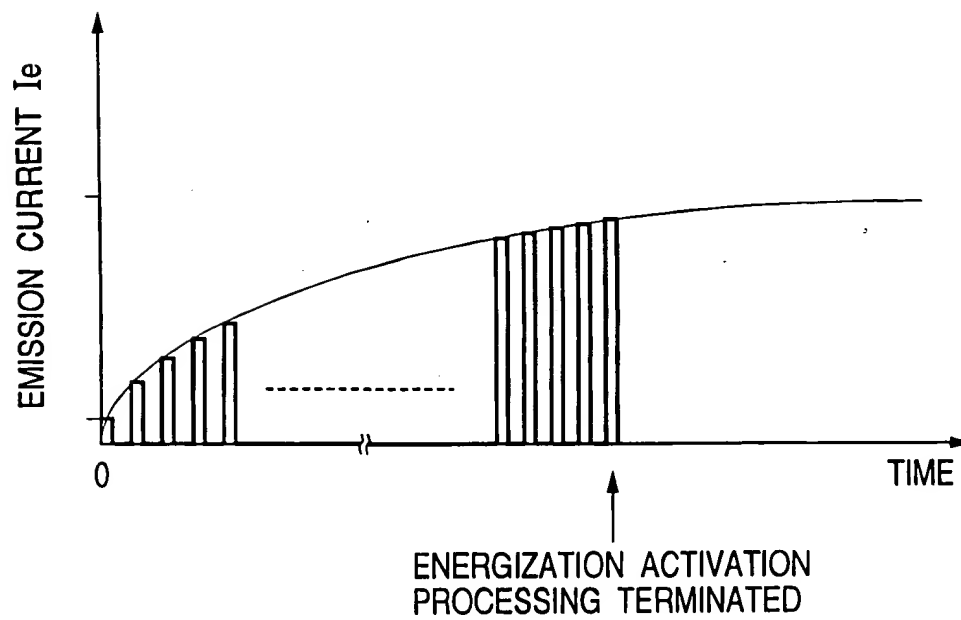


FIG. 28A

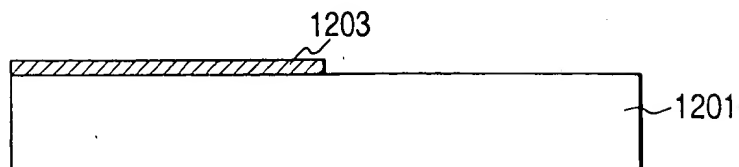


FIG. 28B

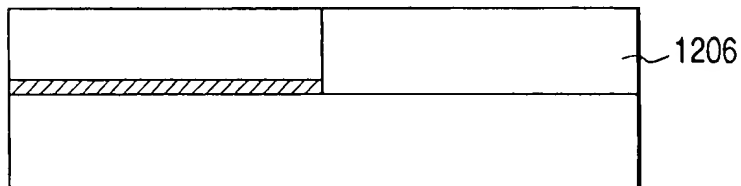


FIG. 28C

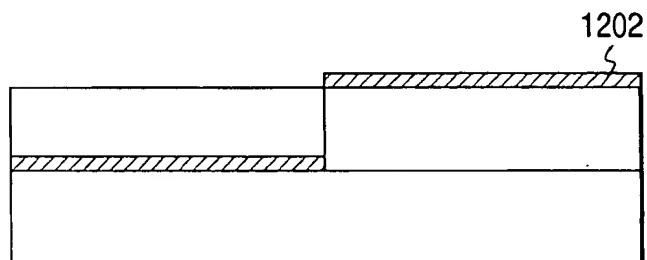


FIG. 28D

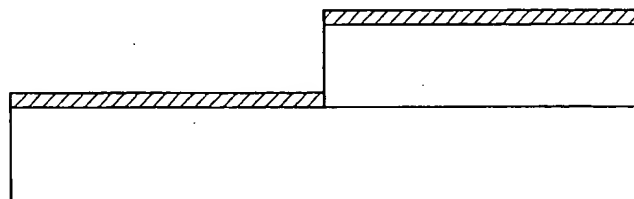


FIG. 28E

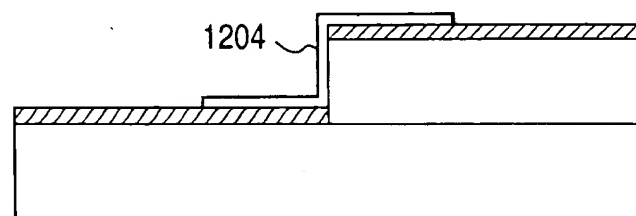
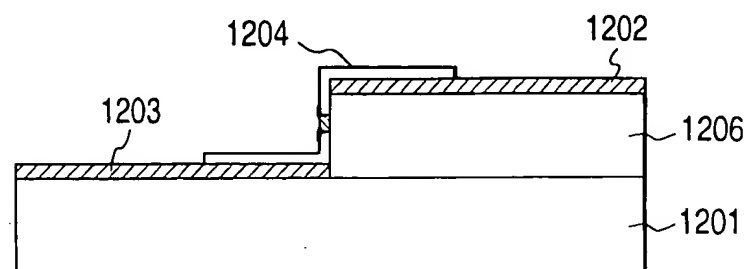


FIG. 28F





*FIG. 29*

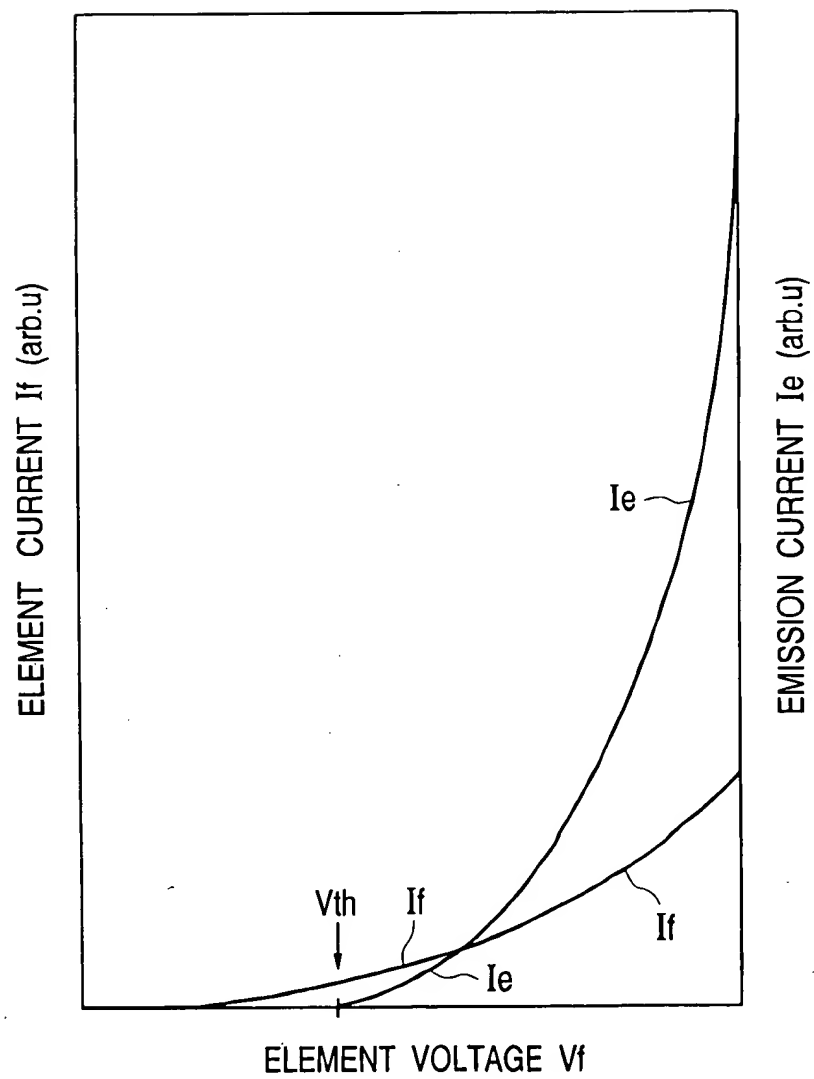
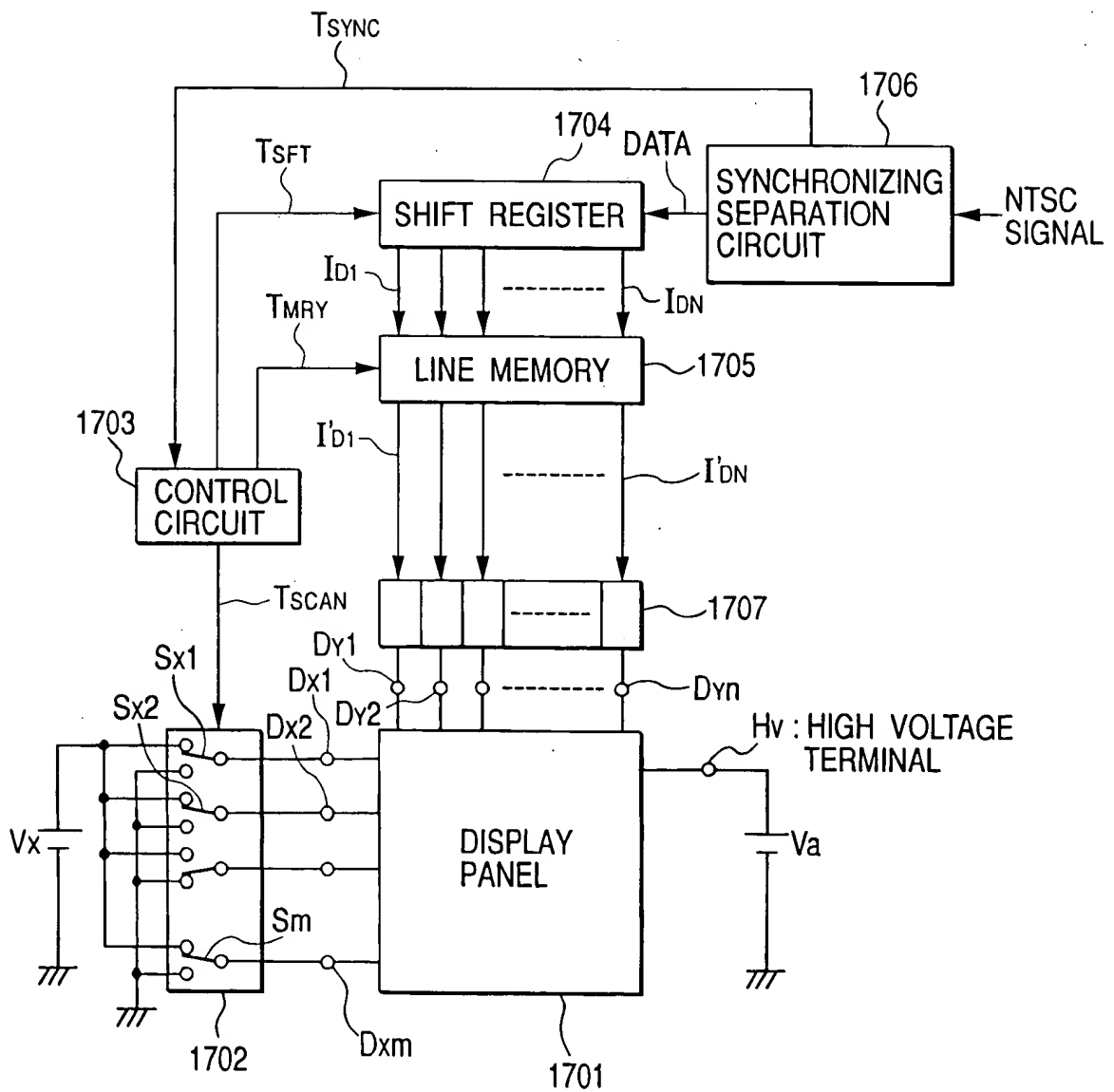
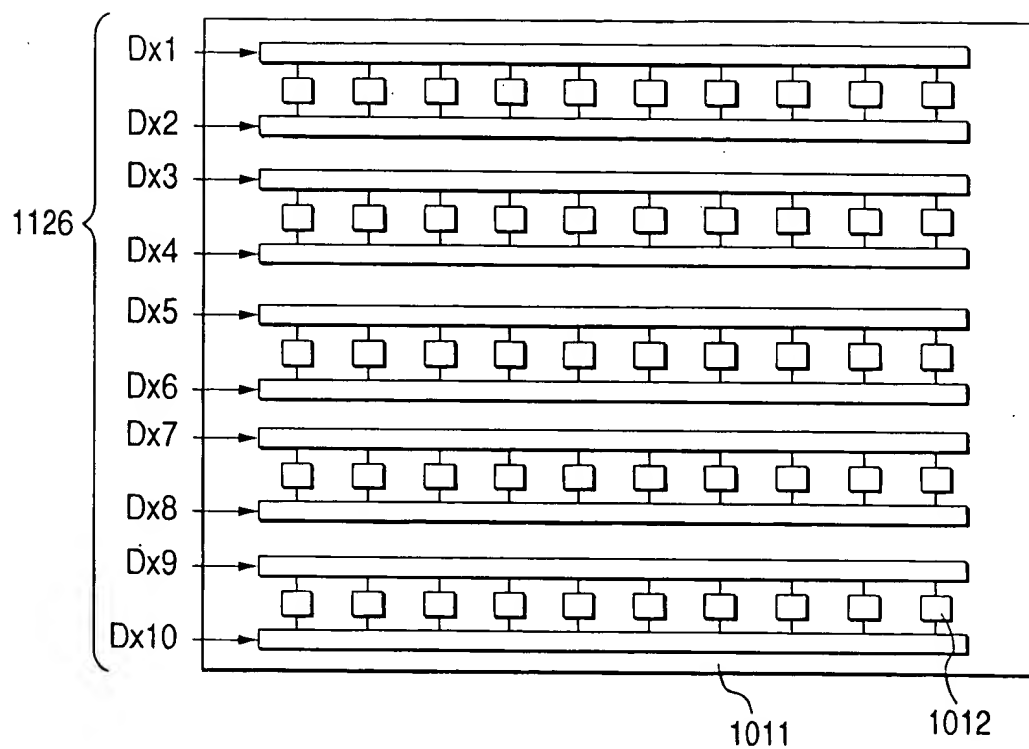


FIG. 30



*FIG. 31*



*FIG. 33*

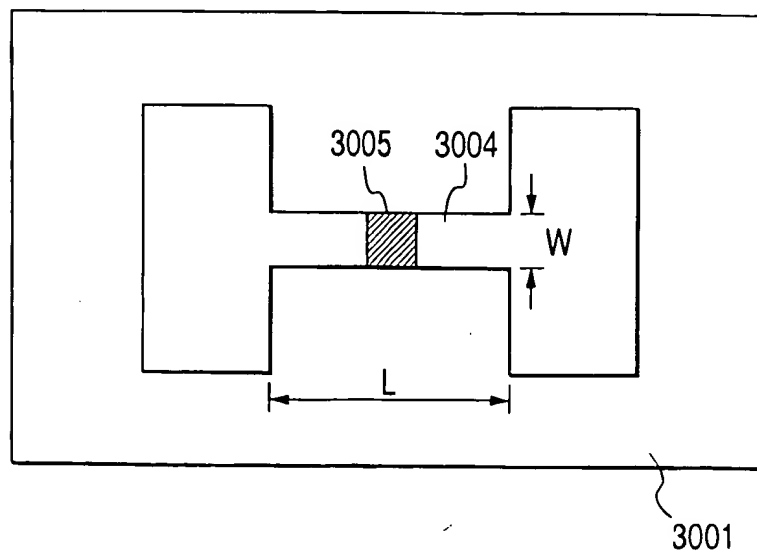
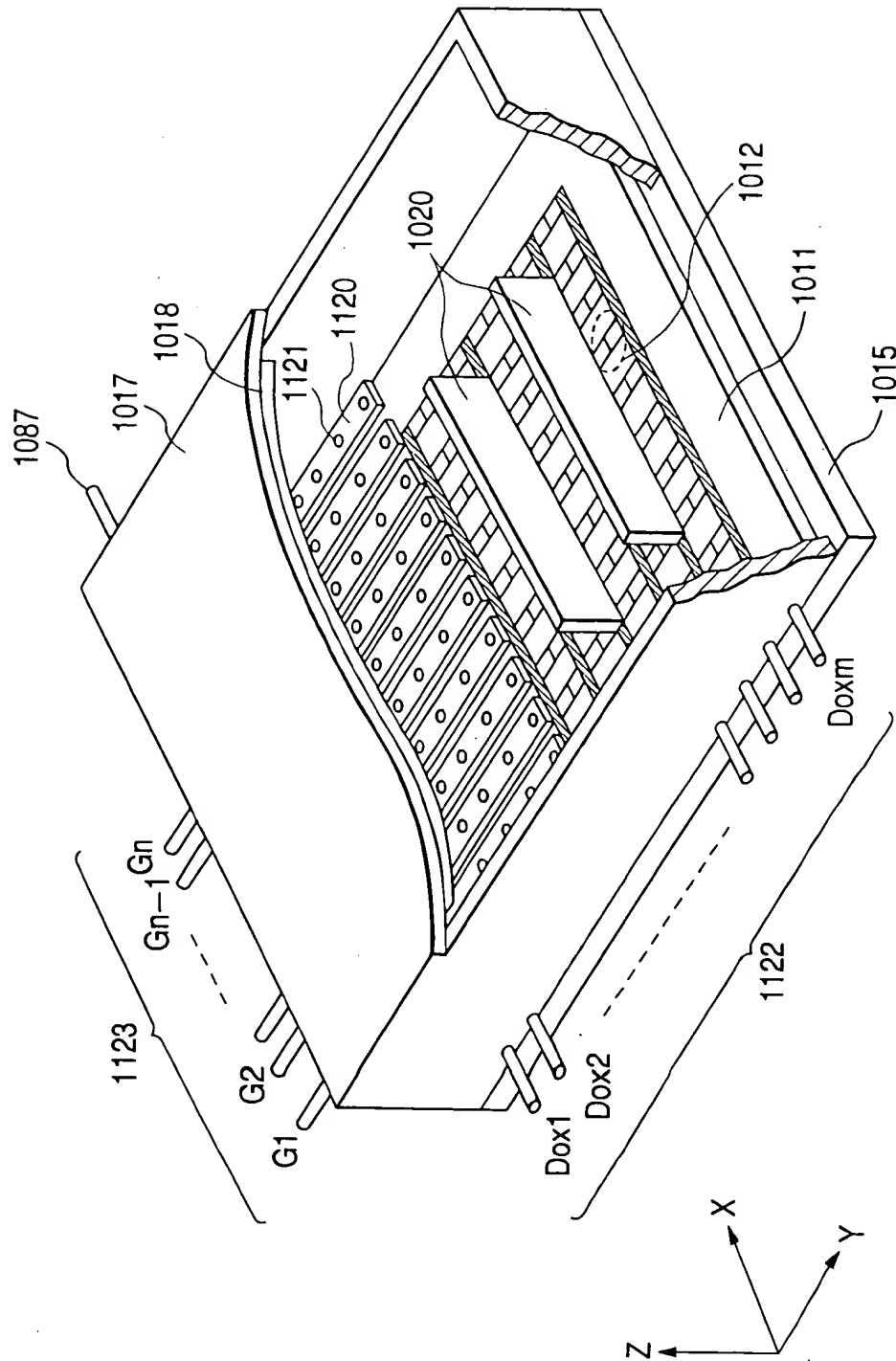
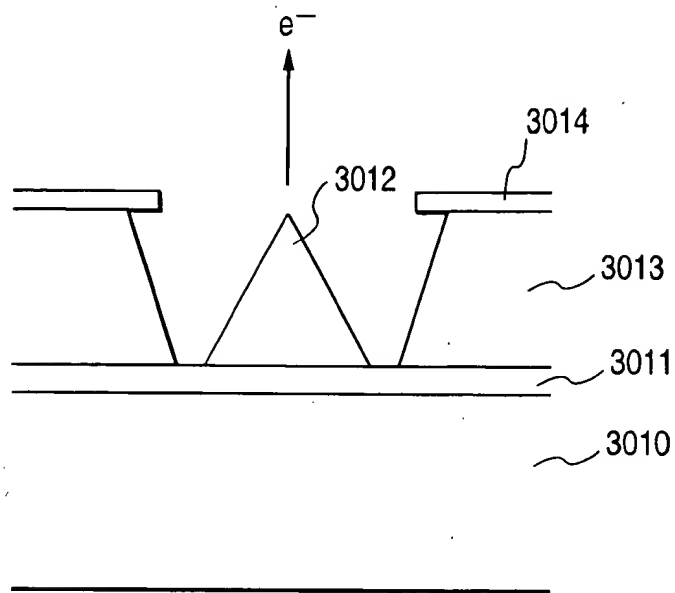


FIG. 32



*FIG. 34*



*FIG. 35*

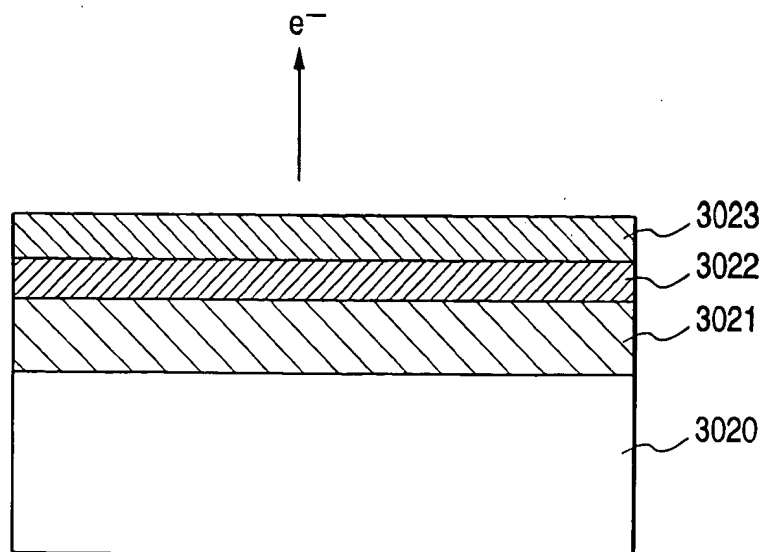


FIG. 36

